Atmos. Chem. Phys. Discuss., 11, C12270–C12270, 2011 www.atmos-chem-phys-discuss.net/11/C12270/2011/

© Author(s) 2011. This work is distributed under the Creative Commons Attribute 3.0 License.



Interactive comment on "From quantum chemical formation free energies to evaporation rates" by I. K. Ortega et al.

Anonymous Referee #1

Received and published: 23 November 2011

I would disagree on one point. Steric effects for collisions involving two clusters, e.g., (H2SO4)2(DMA)2, could be significant. If the two approaching clusters have wrong orientations, proton transfer may be hindered as well.

Interactive comment on Atmos. Chem. Phys. Discuss., 11, 27327, 2011.

C12270